

Appl. No. 09/466,996  
Amdt. Dated July 1, 2004  
Reply to Office action of April 1, 2004

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Cancelled).
2. (Cancelled).
3. (Cancelled).
4. (Cancelled).
5. (Cancelled).
6. (Cancelled).
7. (Cancelled).

8. (Currently Amended) The method as set forth in claim 27 wherein the customized program information is one of an extracted program description, a user's program description, and a selected graphic treatment.

9. (Currently Amended) A The method for recording program content of a transmission comprising: as set forth in claim 8 further comprising:  
receiving program information for a program selected for recording;  
generating a title frame for the program, the title frame including one of customized information and the received program information;  
recording the title frame prior to recording the program content;  
placing the program information in the title frame if the user selects customized information in the title frame;

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placing customized program information in the title frame if the user selects to customize the title frame, the customized program information is one of an extracted program description, a user's program description, and a selected graphic treatment;

placing the received program information in the title frame corresponding to a default setup if the user does not select to customize the title frame;

placing an image in the title frame; and

assigning marquee graphics to recognized keywords in the title frame.

10. (Original) The method as set forth in claim 9, wherein the image is selected from a group comprising an image of a movie poster, an image of an actor or actress in the program, and a program logo.

11. (Original) The method as set forth in claim 9, wherein the recognized keywords are selected from the group comprising the names of actors and actresses, the program rating, and the program time length.

12. (Cancelled).

13. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Previously Presented) A method for automatically generating a title frame when a user records program content available through a transmission comprising:

receiving program information for a program to be broadcasted;

extracting content data from the program information;

selecting a graphic treatment for the title frame based on the content data, wherein selecting a graphic treatment comprises selecting a graphic from a plurality of graphics, each graphic corresponding to the respective content data;

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generating the title frame using the program information and the selected graphic treatment; and

recording the title frame.

17. (Previously Presented) A method automatically generating a title frame when a user records program content available through a transmission comprising:

receiving program information for a program to be broadcasted;

extracting content data from the program information;

selecting a graphic treatment for the title frame based on the content data;

generating the title frame using the program information and the selected graphic treatment, generating the title frame using the program information comprising placing the program information and the selected graphic treatment in the title frame; and

recording the title frame.

18. (Original) The method as set forth in claim 17 wherein placing program information comprises superimposing the selected program information over the selected graphic treatment.

19. (Cancelled).

20. (Previously Presented) An apparatus comprising:

a memory configured to store graphic treatments to be placed in a title frame;

an input device configured to receive transmissions of program content and program information; and

a processor coupled to the memory and the input device, the processor configured to control generation of a title frame for a program to be recorded and recording of the title frame prior to recording of the program content, the title frame including one of customized information and the received program information.

21. (Currently Amended) The apparatus as set forth in claim ~~19~~20 wherein the processor is further configured to select a graphic treatment to use in the title frame.

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22. (Original) The apparatus as set forth in claim 21 wherein the graphic treatment is selected based upon content data, the content data being transmitted with the program information.

23. (Original) The apparatus as set forth in claim 21 wherein the program information is used to generate description in the title frame.

24. (Cancelled).

25. (Cancelled)

26. (Cancelled).

27. (Previously Presented) An apparatus for generating title frame recording comprising:  
means for receiving program information for a program to be recorded;  
means for extracting content data from the program information;  
means for selecting graphic treatment corresponding to the content data; means for generating a title frame using the program information and the selected graphic treatment;  
means for controlling the recording of the title frame before recording program content;  
and  
means for connecting to an external input device, the external input device allowing a user to customize the title frame.

28. (Cancelled).

29. (Cancelled).

30. (Cancelled).

31. (Cancelled).

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32. (Cancelled).

33. (Previously Presented) A computer readable medium comprising instructions which when executed by a processing system, perform operations to record a program content comprising:

- receiving program information and content data for a program selected for recording;
- generating a title frame for the program, the title frame including one of customized information and the received program information;
- recording the title frame prior to recording the program content;
- determining if the user selects to customize information in the title frame;
- placing customized program information in the title frame if the user selects to customize the title frame; and
- placing the received program information in the title frame corresponding to a default setup if the user does not select to customize the title frame.

34. (Original) The computer readable medium as set forth in claim 33 wherein generating a title frame for the program comprises selecting a graphic treatment for the title frame and placing the program information in the title frame.

35. (Cancelled).

36. (Cancelled).

37. (Previously Presented) A computer readable medium comprising instructions, which when executed by a processing system, perform operations to record a program content comprising:

- receiving program information and content data for a program selected for recording;
- selecting a graphic treatment for a title frame for the program, the graphic treatment being selected based upon the content data, wherein selecting a graphic treatment comprises selecting a graphic from a plurality of graphics, each graphic corresponding to the respective content data;

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generating a title frame for the program using the selected graphic treatment and the program information; and

recording the title frame prior to recording the program content.

38. (Currently Amended) ~~A The computer readable medium as set forth in claim 35, wherein comprising instructions, which when executed by a processing system, perform operations to record a program content comprising:~~

receiving program information and content data for a program selected for recording;

selecting a graphic treatment for a title frame for the program, the graphic treatment being selected based upon the content data, wherein selecting a graphic treatment comprises selecting a graphic from a plurality of graphics, each graphic corresponding to the respective content data;

generating the a title frame for the program using the selected graphic treatment and the program information comprises placing the program information and the selected graphic treatment in the title frame; and

recording the title frame prior to recording the program content.

39. (Cancelled).

40. (Cancelled).

41. (Previously Presented) The apparatus as set forth in claim 20 wherein the customized program information is one of an extracted program description, a user's program description, and a selected graphic treatment.

42. (Cancelled).

43. (Cancelled).

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44. (Previously Presented) The computer readable medium as set forth in claim 33 wherein the customized program information is one of an extracted program description, a user's program description, and a selected graphic treatment.